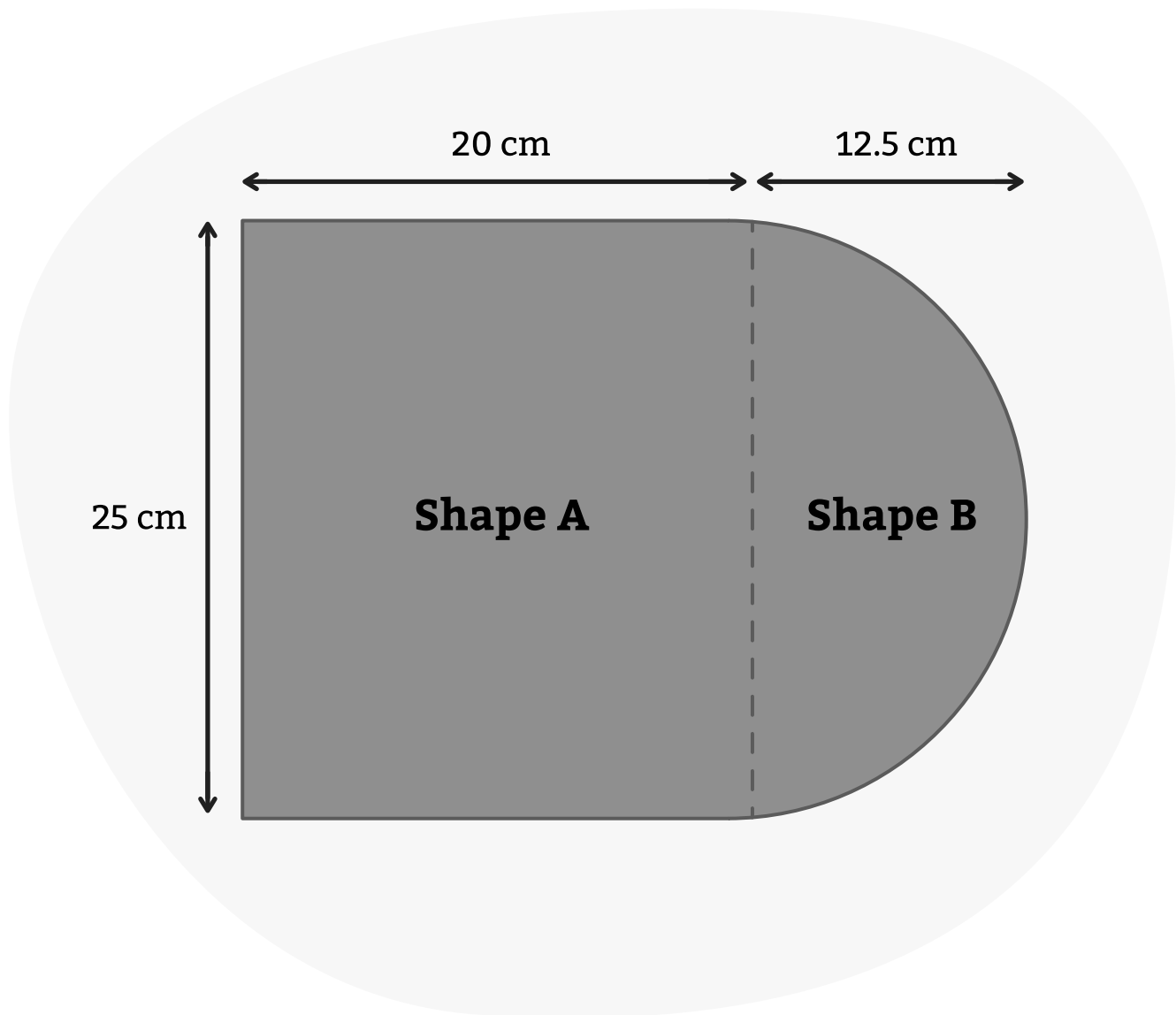


Composite Shapes: Perimeter and Area Word Problems



Shape A is a rectangle. The rectangle measures 20 centimetres by 25 centimetres.

Shape B is a semi-circle with a radius of 12.5 centimetres. The two shapes are combined together to make the composite shape, similar to the 'key' on a basketball court.

Composite Shapes: Perimeter and Area Word Problems

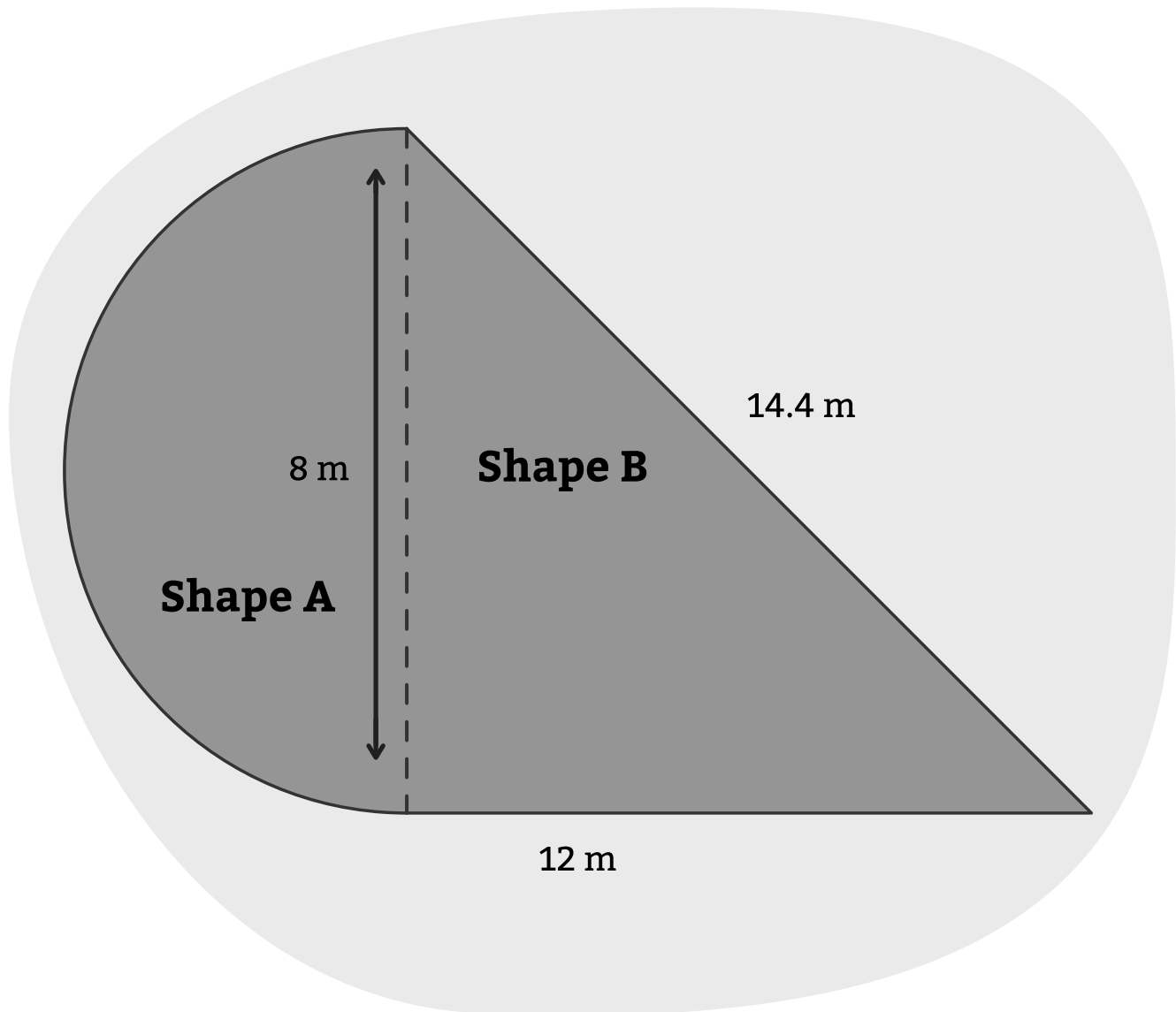
Reflect on the following questions:

What two common shapes make up this composite shape?

What are the formulas to calculate the perimeter and area of Shape A? Shape B?

How can the total perimeter and area of the composite shape be calculated?
(Note where the shapes are joined together)

Composite Shapes: Perimeter and Area Word Problems



Shape A is a semi-circle with a diameter of 8 metres. Shape B is a right-angle triangle that has a hypotenuse of 14.4 metres and a base length of 12 metres. The diameter of the semi-circle is the third side length of the triangle.

Composite Shapes: Perimeter and Area Word Problems

Reflect on the following questions:

What two common shapes make up this composite shape?

What are the formulas for calculating the area of Shape A? Shape B?

How can the total perimeter and area of the composite shape be calculated?